

528352
Rec'd PCT/PTO 17 MAR 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



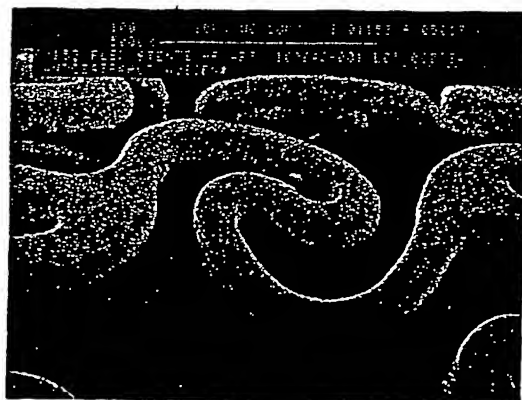
(43) International Publication Date
1 April 2004 (01.04.2004)

PCT

(10) International Publication Number
WO 2004/026177 A1

- (51) International Patent Classification⁷: **A61F 2/06**, (74) Agent: **VOSSIUS & PARTNER**; Siebertsrasse 4, 81675 München (DE).
- (21) International Application Number: **PCT/EP2003/010542**
- (22) International Filing Date: **22 September 2003 (22.09.2003)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
02021067.0 **20 September 2002 (20.09.2002)** **EP**
- (71) Applicant (for all designated States except US): **ABBOTT LABORATORIES VASCULAR ENTERPRISES LIMITED [IE/IE]**; Earlsfort Center, Terrace, Dublin 2 (IE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **SCHÖMIG, Albert [DE/DE]**; Böcklinstr. 40, 80638 München (DE). **KASTRATI, Adnan [AL/DE]**; Volpininstr. 78, 80638 München (DE). **VON OEPEN, Randolph [DE/DE]**; Gartenstr. 42, 72074 Tübingen (DE).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
- with international search report
 - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **STENT WITH ROUGH SURFACE AND ITS MANUFACTURE**



05017.TF
688-550-238

(57) **Abstract:** A stent is provided wherein at least an outer surface portion is roughened to a predetermined extent and wherein a drug or a therapeutic agent can be applied to said surface. This results in an improved stent, which can be manufactured at low costs and which can further avoid thrombus formation and a stenosis.

WO 2004/026177 A1

BEST AVAILABLE COPY